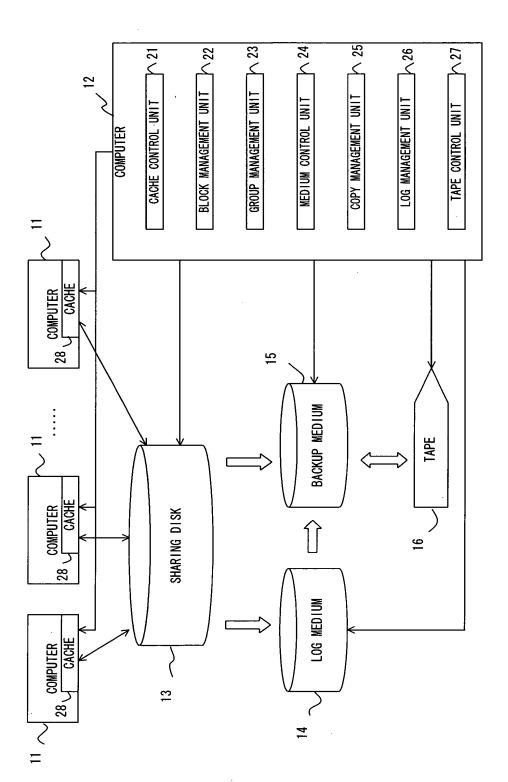
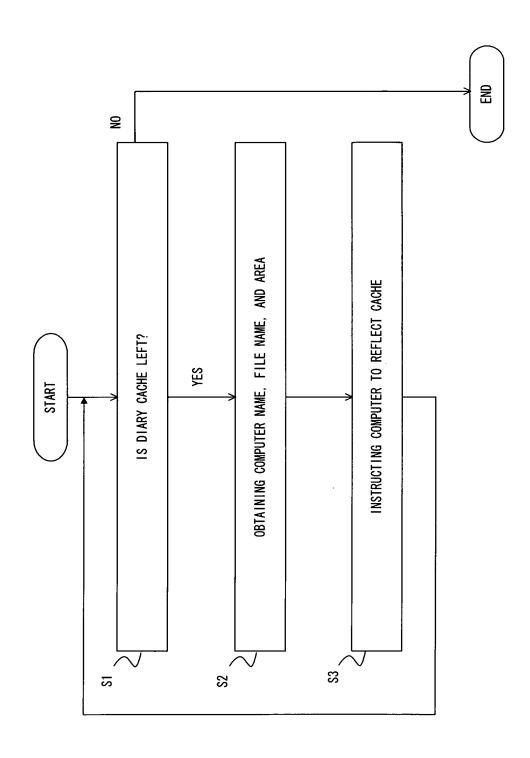


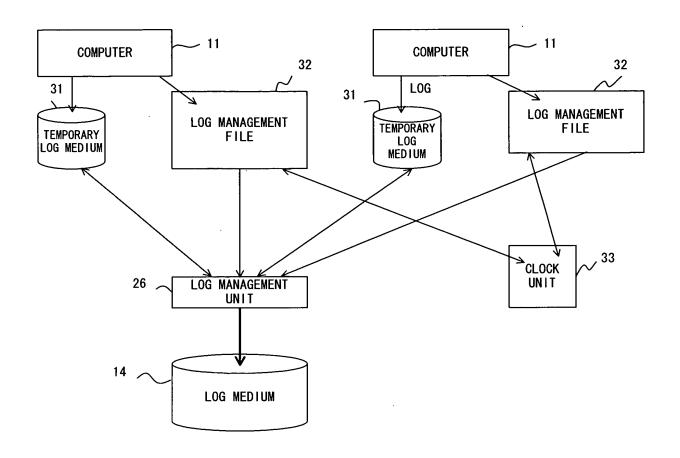
F I G. 1



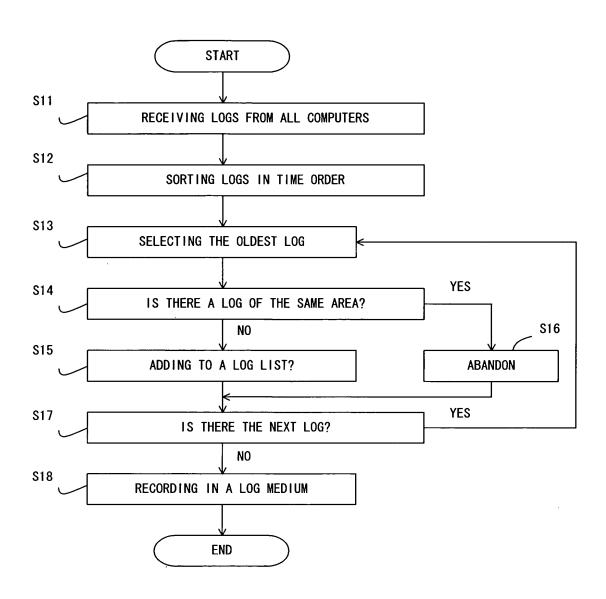
F I G. 2



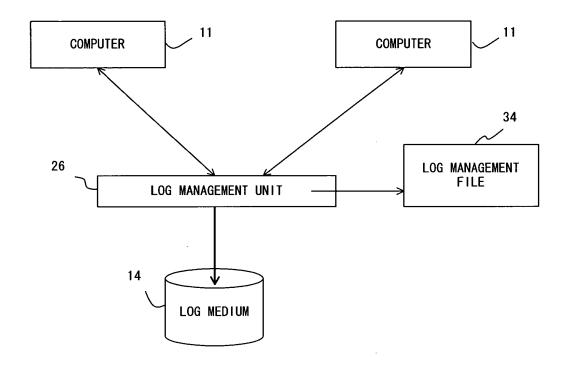
F I G. 3



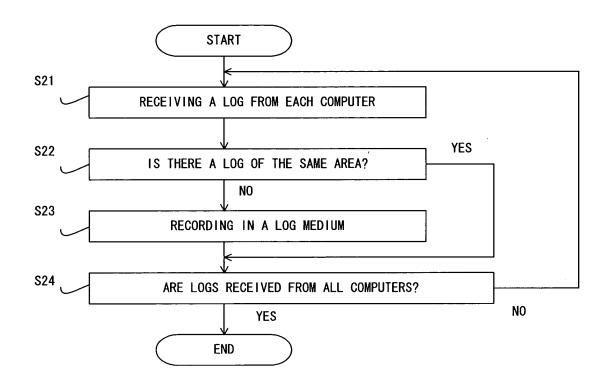
F I G. 4



F I G. 5



F I G. 6



F I G. 7

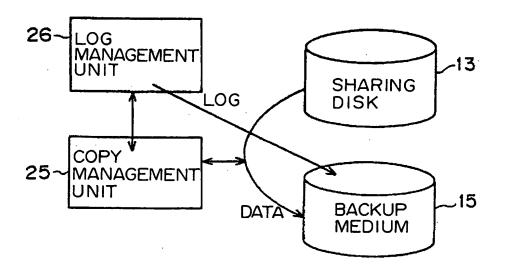
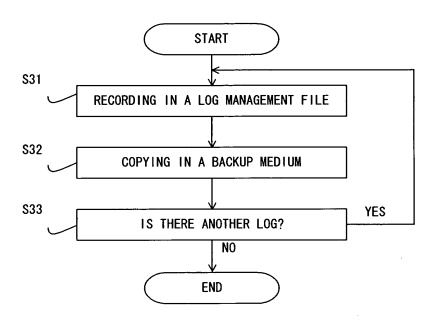


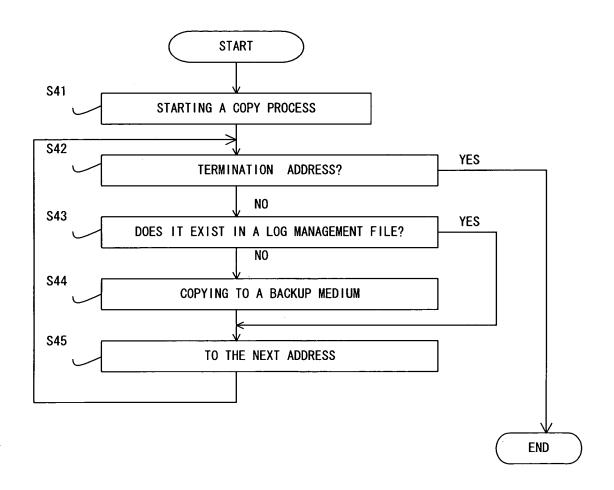
FIG. 8



F I G. 9

DEVICE NAME	ORIGINAL ADDRESS	LENGTH
α	#a	2
β	#b	1
•	•	٠
	•	
		•

F I G. 10



F I G. 11

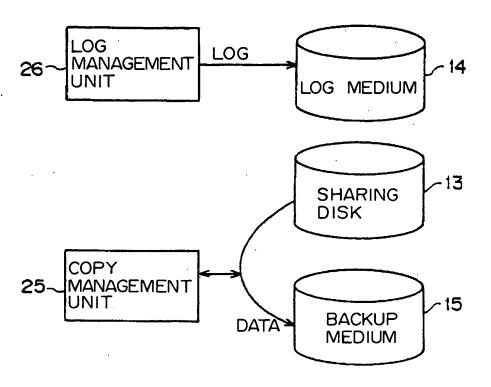


FIG. 12

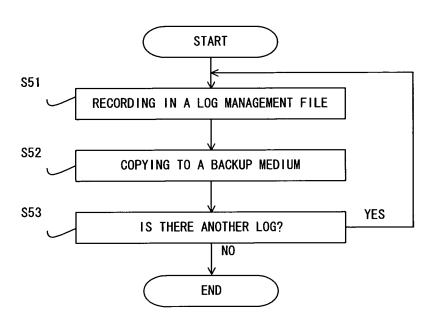


FIG. 13

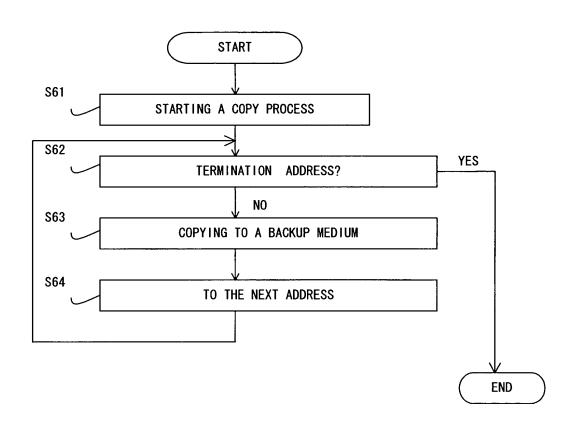


FIG. 14

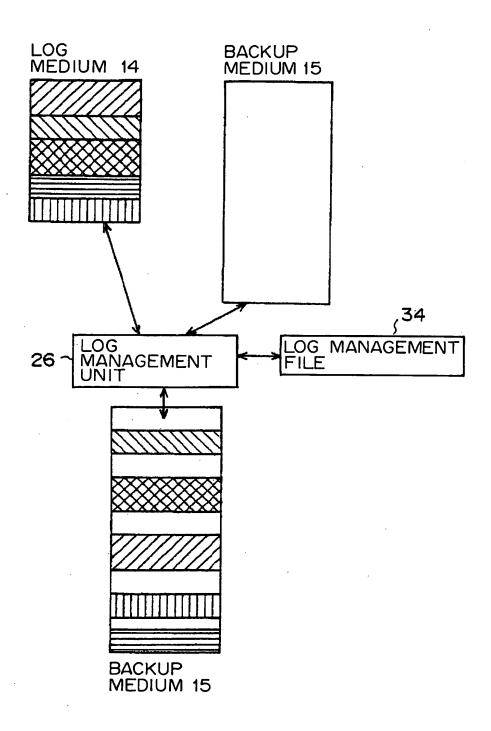


FIG. 15

ORIGINAL ADDRESS	LENGTH	CONTENTS OF LOG
#a	1	xxxx
#b	3	xxxx
	<u>.</u>	
	•	
•	•	
•	•	•
•	•	•
		,

F I G. 16

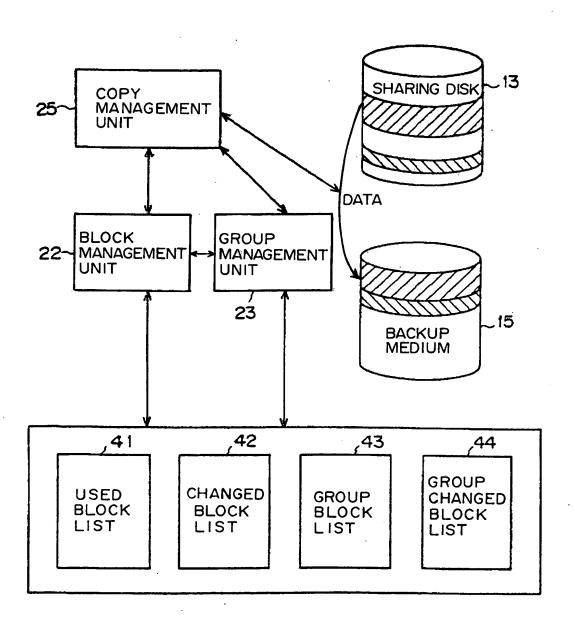


FIG. 17

F I G. 18

BLOCK	NO.
2	
5	
6	
:	

F I G. 19

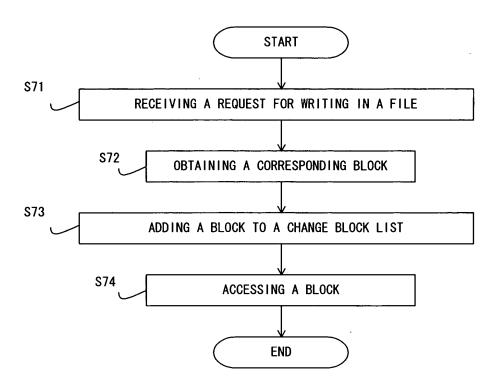


FIG. 20

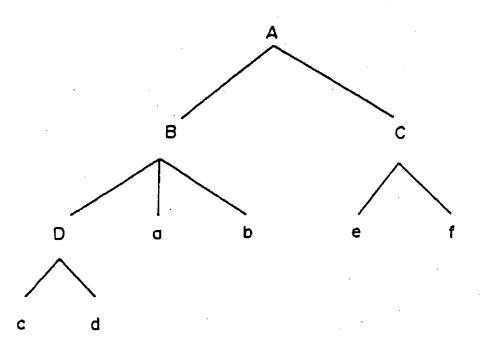


FIG. 21

dir_A/*
dir_C/*
X dir_D/file_d

FIG. 22

dir_X/file_a
dir_Y/file_b
dir_Z/*
X dir_Z/file_c

FIG. 23

blockno 1, 2, 3

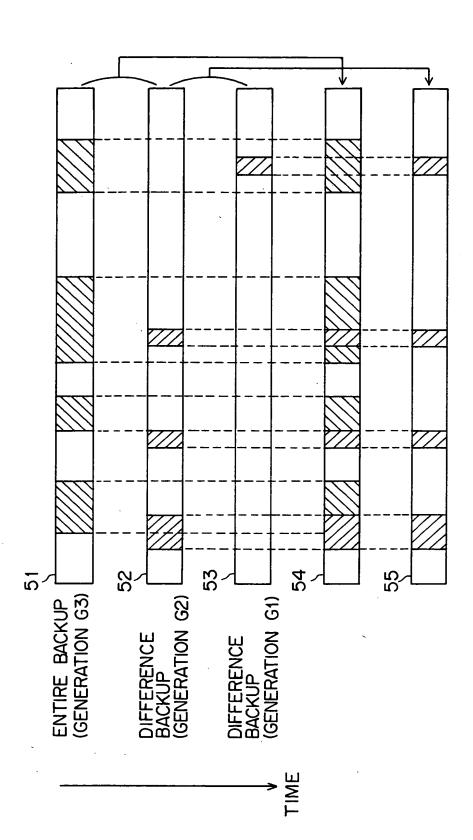
blockno 8, 9

blockno 123

blockno 12567, 12568

blockno 35670

FIG. 24



F1G. 25

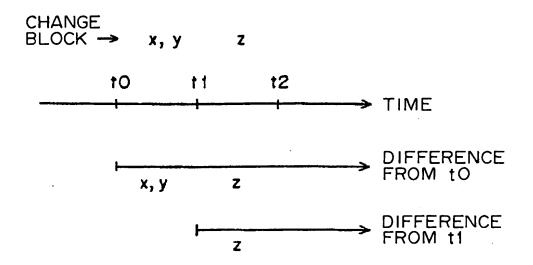
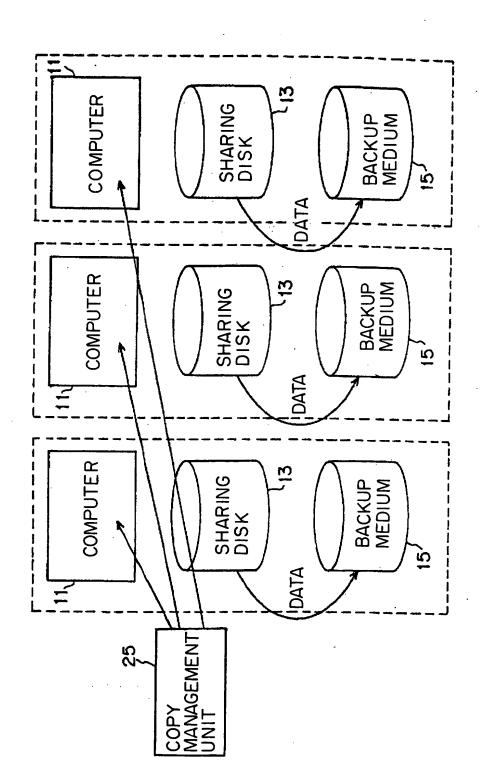


FIG. 26



F1G. 27

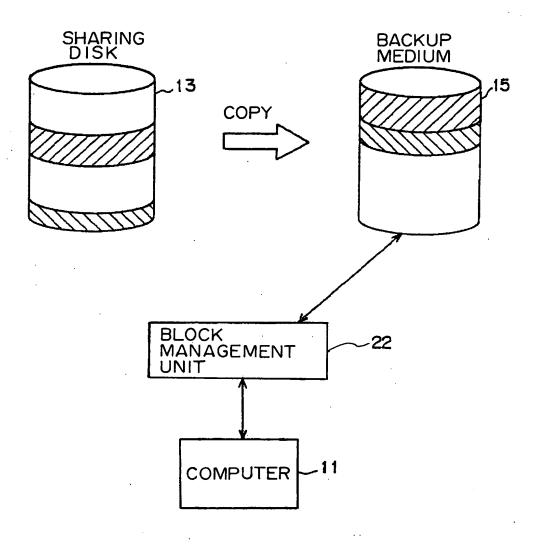


FIG. 28

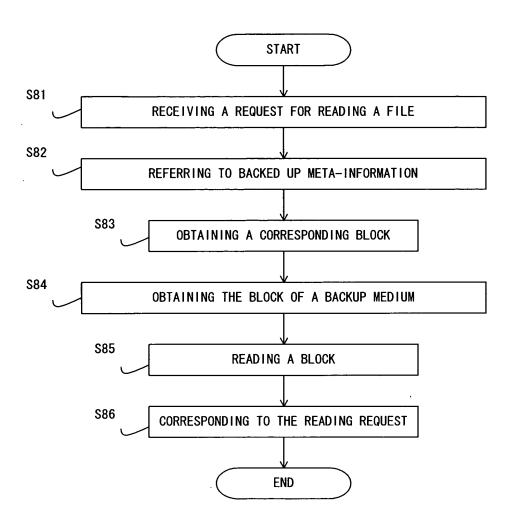


FIG. 29

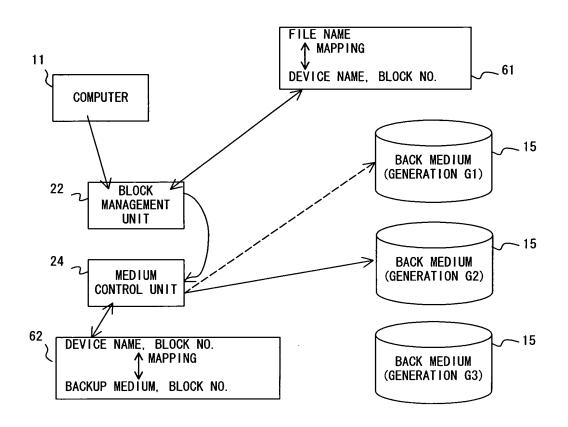
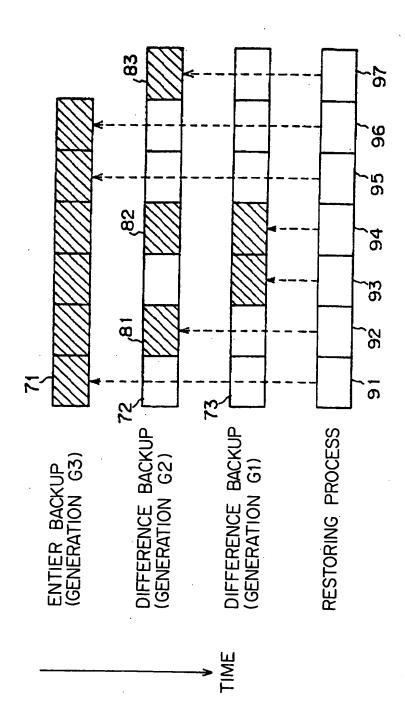
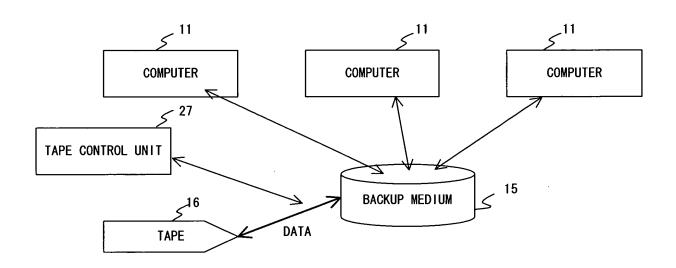


FIG. 30



F1G. 3



F I G. 32

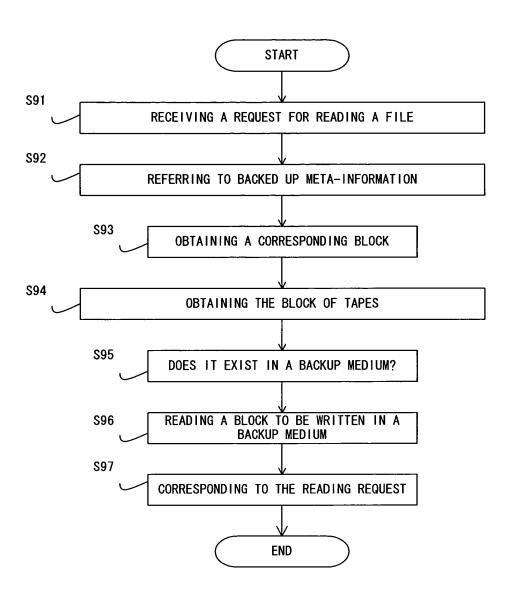
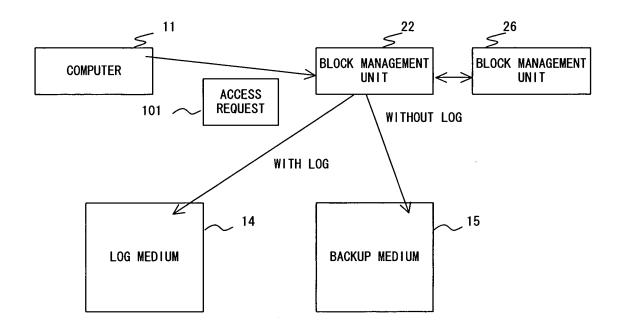


FIG. 33



F I G. 34

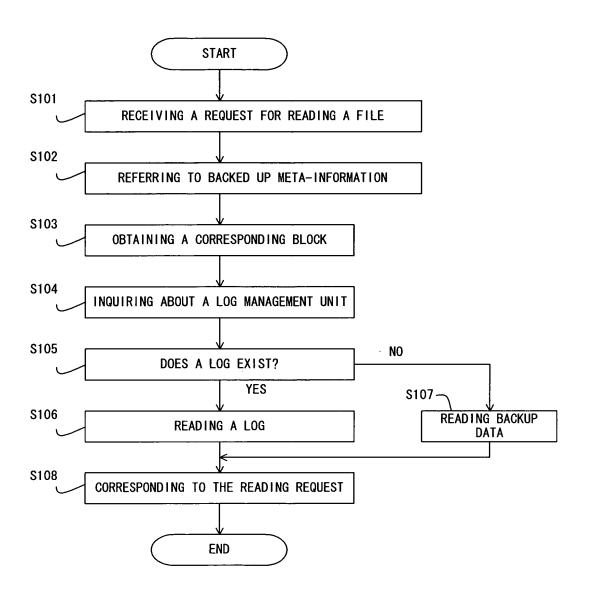
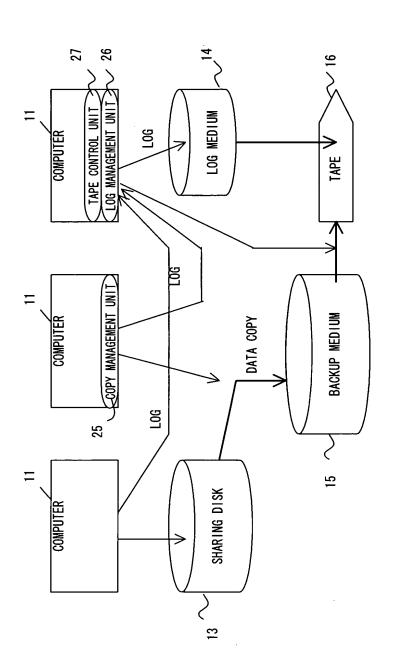
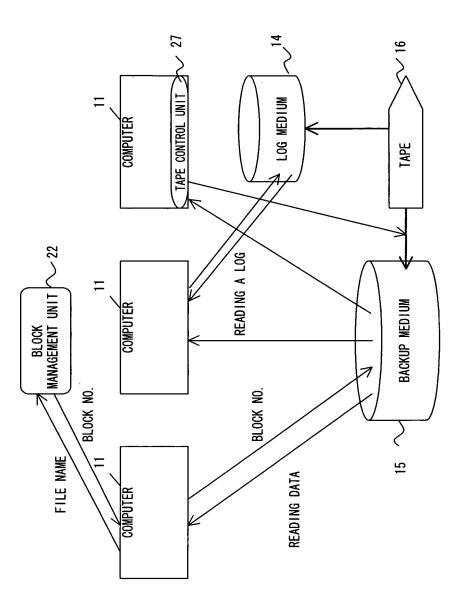


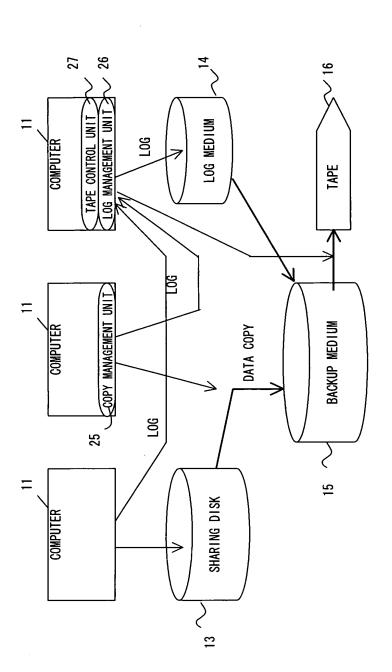
FIG. 35



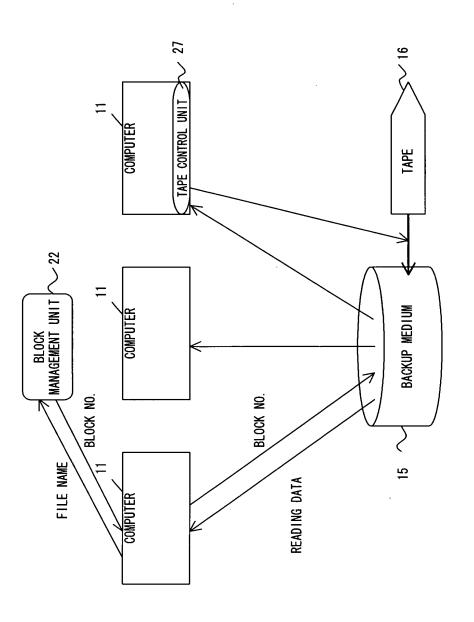
F I G. 36



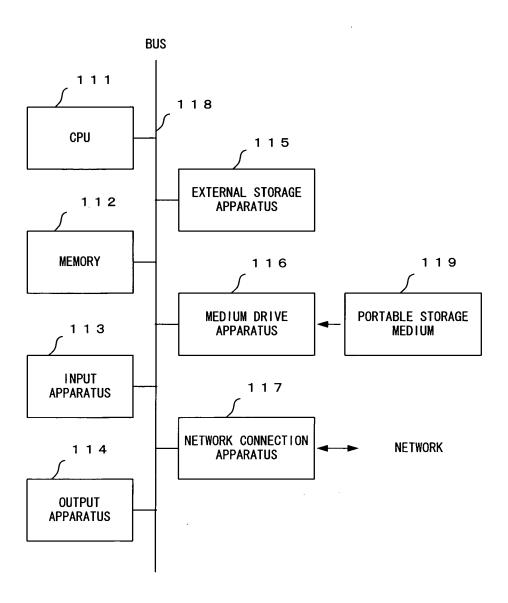
F I G. 37



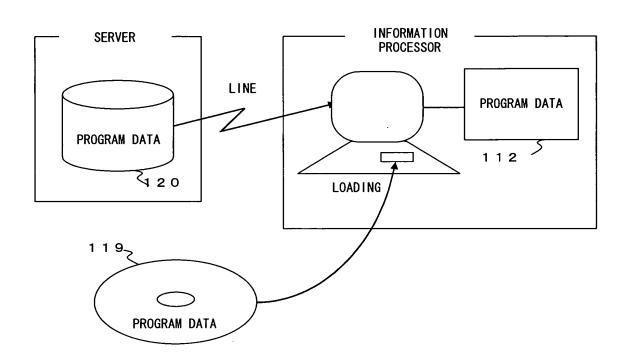
F I G. 38



F I G. 39



F I G. 40



F I G. 4 1